CONTENTS FOR VOLUME 89, 1995

I. FEBRUARY

Editorial — *David G. Turner* — 1
P Cygni and Its Cluster — *Walter A Feibelman* — 3
The Age and Size of the Universe — *Sidney van den Bergh* — 6
The Eclipse of Nicias — *Philip Mozel* — 11
What Brought Edmond Halley to Newfoundland? — *Peter Broughton* — 18
About Our Authors/Nos auteurs — *Suzanne E. Moreau* — 27
Notes (Honorary RASC Member Patrick Moore; Service Award to Pat Kelly; Congratulations to Pat Kelly; David Levy and George Volkoff; Towards a Solution to the Solar Neutrino Problem; New Names of Minor Planets: (5661) Hildebrand = 1977 PO1, (5688) Kleewick = 1991 AD2; Seventy-Five Years Ago — 28
Education Notes/Rubrique Pédagogique (Education Notes 1977–94 *Roy L. Bishop*) — 33
Reviews of Publications/Critiques d'ouvrages (*The Quest for Comets: An Explosive Trail of Beauty and Danger* by David Levy; *The Explorers of Mars Hill* by William Lowell Putnam; *Chasing the Shadow* by Joel Harris and Richard Talcott) — 36

II. APRIL

CCD Photometry of Nova Cassiopeiae 1993 With a Small Telescope *Kerry Kijewski, Brian E. Martin, Tyler Foster and Douglas P. Hube* — 43
An Improved Orbit for the Double-Lined Pleiades Binary HD 23642 *Roger F. Griffin* — 53
About Our Authors/Nos auteurs — *Suzanne E. Moreau* — 63
Notes (Honorary RASC Member Robert Evans; SN 1993F – An All-Canadian Supernova; Congratulations to Paul Gray, Dave Lane Beverly Werstiuk, David Levy, Sidney van den Bergh, and Don VandenBerg; Galaxies Then and Now; News From the CADC; New Black Hole Candidate in the Large Magellanic Cloud: More Asteroids With Canadian Connections: (5457) Queen's = 1980 TW5, (5547) Acadiau = 1980 LE1, (5967) Edithlevy = 1991 CM5, and (6204) MacKezie = 1981 JB3; Comet P/1995 A1 (Jedicke); Seventy-Five Years Ago — 64
Young Astronomers/Jeunes astronomes (My Radio Telescope, *Bob Drury*) — 72
Reviews of Publications/Critiques d'ovrages (*The Monthly Sky Guide* by Ian Ridpath and Wil Tirion; *Sky Phenomena: A Guide to Naked-Eye Observation of the Stars* by Norman Davidson; *Home is Where the Wind Blows* by Fred Hoyle; *Star Hopping for Backyard Astronomers* by Alan M. MacRobert; *Star Hopping, Your Visa to the Universe* by Robert A. Garfinkle — 81

III. JUNE

The Light Curve of V1765 Cygni: A Close Binary System With a Supergiant Component — *John R. Percy and Najam Khaja* — 91
Geopotential Surface Corrections to Large Aperture Liquid Mirror Telescopes — *Wayne H. Cannon and Slavek M. Rucinski* — 99
A Radio Telescope for the Discovery Park — *William Lonc and Robert Schultz* — 106
About Our Authors/Nos auteurs — *Suzanne E. Moreau* — 109

Notes (Why Astronomy Professors Turn Gray (Golden Bloopers, Part II); In Passing: William H. Wehlau (1926 - 1995), William L. H. Shuter (1936–1995); Meteor Crater, Nova Scotia; Award Presentations for the 1995 General Assembly (Paul Boltwood: Chant Medal; Paul Gray and David Lane: Chilton Prize; Ron Gasbarini: Service Award); Seventy-Five Years Ago 110

Education Notes/Rubrique pédagogique (The Sun's Temperature at $\lambda = 5$ cm *William Lonc and Na Han Chan*) 118

A Telescope for Viet Nam *Alan H. Batten* 122

Reviews of Publications/Critiques d'ouvrages (*The Cambridge Atlas of Astronomy, 3rd Edition* edited by Jean Audouze and Guy Israel; *Observing Comets, Asteroids, Meteors and the Zodiacal Light* by Stephen J. Edberg and David H. Levy; *Making Instruments Count, Essays on Historical Scientific Instruments Presented to Gerard L'Estrange Turner* edited by R.G.W. Anderson, J.A. Bennett and W.F. Ryan; *Parkes - Thirty Years of Radio Astronomy* by D.E. Goddard and D.K. Milne; *Project SPICA: A Teacher Resource to Enhance Astronomy Education* by Nadine Butcher Ball, Harold P. Coyle and Irwin I Shapiro) 124

IV. AUGUST

IC 349: Barnard's Merope Nebula *George H. Herbig* 133

Observations of 1.4 GHz Continuum Emission From Jupiter During Its Collision With Comet Shoemaker-Levy 9 *John Galt and Susan Watkins* 135

The Celestial David and Goliath *F. Graham Millar* 141

Twenty-Sixth Meeting of the Canadian Astronomical Society Held in Penticton, British Columbia, May 26-31, 1995 *Robert S. Roger and David G. Turner* 155

Titles and Abstracts of Papers Presented at the CASCA 1995 Annual Meeting 157

About Our Authors/Nos auteurs *Suzanne E. Moreau* 188

Notes (For the Visually Acute; Congratulations to Miroslav Komorous, Terence Dickinson, Gerhard Herzberg, Edmond Halley, Michael Watson, and Michael Richer; Cycle 22 Continues; Seventy-Five Years Ago) 189

Reviews of Publications/Critiques d'ouvrages (*Étude de la variabilité des étoiles de type Wolf-Rayet* by Eric Gosset and Jean-Marie Vreux; *Extraterrestrials: A Field Guide for Earthlings* by Terence Dickinson and Adolf Schaller; *Plasma Physics* by Peter A. Sturrock; *Solar and Stellar Activity Cycles* by Peter R. Wilson) 192

V. OCTOBER

Kinematic Bias in Proper Motion Surveys *P.C. Dawson, R.G. Johnson and A.J. Rorabeck* 201

Photographic Determination of the Eccentricity of the Earth's Orbit *Richard L. Nugent* 217

About Our Authors/Nos Auteurs Suzanne E. Moreau 224

Correspondence/Correspondance 225

Notes (Award Winners Honoured at General Assembly in Windsor; Binaries and Clusters Collide in Calgary; Those Were the Days; Asteroid Jedicke; Seventy-Five Years Ago) 226

Reviews of Publications/Critiques d'ouvrages (*Venus, The Geological Story* by Peter Cattermole; *The Planet Observer's Handbook* by Fred W. Price; *Atlas of Neptune* by Garry E. Hunt and Patrick Moore; *Astronomica – The Quest for the Edge of the Universe* Colour Video CD-ROM by Hyper-Quest; *The Sun as a Variable Star, Solar and Stellar Irradiance Variations* edited by J.M. Pap, C. Frölich, H.S. Hudson, and S.K. Solanki) 233

VI. DECEMBER

Another Look at the Delta Scuti Star FM Comae *Jeff Bax, William H. Wehlau and Steve Sharpe* 245
Observations of Jupiter in 1994 *Richard W. Schmude, Jr., and Danny Bruton* 257
About Our Authors/Nos auteurs *Suzanne E. Moreau* 263
Correspondence/Correspondance (Regarding the Star of Bethlehem; Review of *Astronomica*) 264
Notes (McLaughlin Planetarium Closure; In Passing; Subrahmanyan Chandrasekar (1910-1995); Classification of Medium-Redshift Galaxies; Gemini Project News; Asteroids With Canadian Connections: (5256) Brucegoldberg = 1990 XB1, (5621) Erb = 1990 SG4, (6260) Kelsey = 1949 PN, (6532) Scarfe = 1995 AC; Seventy-Five Years Ago) 266
Reviews of Publications/Critiques d'ouvrages (*The Farthest Things In The Universe* by Jay M. Pasachoff, Hyron Spinrad, Patrick S. Osmer, and Edward Cheng; *The Guide to Amateur Astronomy* by Jack Newton and Philip Teece; *Edwin Hubble: Mariner of the Nebulae* by Gale E. Christianson; *The Heavens Above and the Earth Beneath: A History of the Dominion Observatories. Part 2, 1946-1970* by John H. Hodgson) 269